

## ABSTRACT

A manufacturing/process control system information access provider architecture is disclosed. Manufacturing/process control system data provider flexibility is achieved through a user-configurable manufacturing/process control information portal server that comprises multiple selectable data provides (sources) and/or data types that a particular data provider accommodates. A user configures the portal server to deliver manufacturing/process control information associated with a controlled process environment, such as a food processing plant floor or an oil refinery reactor, to the user via a browser client over the Internet or a corporate intranet.

Furthermore, an extensible architecture is provided that enables adding new components to the portal server. Such extensions include new data sources and new data types/handlers. The new architecture enables a user to select particular ones of the available data handlers and then their associated data sources thereby facilitating customizing the configuration of the portal server to the particular needs/interests of the user.

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